



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
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सं. 1]

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No. 1]

NEW DELHI, SATURDAY, JANUARY 7, 1967 (PAUSA 17, 1888)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से संबंधित सूचनाएं और नोटिस

## Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 7th January, 1967.

## SPECIAL NOTICE

It is hereby notified for general information that the holidays specified below will be observed by The Patent Office, Calcutta during the year 1967.

Name of Festival	Day of the Week	Date
Idul Fitr	Friday	13th January
Netaji's Birthday	Monday	23rd January
Republic Day	Thursday	26th January
Sree Panchami	Tuesday	14th February
Good Friday	Friday	24th March
Bengali New Year's day	Saturday	15th April
Muharram	Friday	21st April
Independence Day	Tuesday	15th August
Mahatma Gandhi's Birth-day.	Monday	2nd October
Durgapuja	Tuesday	10th October
	Wednesday	11th October
	Thursday	12th October
	Friday	13th October
Lakshmi Puja	Tuesday	17th October
Kalipuja	Wednesday	1st November
Christmas Day	Monday	25th December

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

17th December 1966

108481. R. Lakshmanaperumal. Molasses filter (working) process one.  
108482. R. Lakshmanaperumal. Molasses Filter working process two.

108483. I. L. Mehta. Vacuum brick.  
108484. Makewell Engineers. Improvements in or relating to domestic flour mill or the like.  
108485. Veb Filmfabrik Wolfen. Photographic film and process for its manufacture. (14th October 1966).  
108486. Ciba Limited. Process for the isolation of cephalosporin C.  
108487. Tokai Loom Works Ltd. Device for automatically unwinding a weft from a bobbin for use in a loom, automatic bobbin changing device and an improved bobbin therefor.  
108488. Murata Machinery Limited and Toyo Boseki Kabushiki Kaisha. An improved automatic winder. (17th December 1965).  
108489. Research Institute for Medicine and Chemistry, Inc. Chemical compounds. (17th December 1965).  
108490. Shell Internationale Research Maatschappij N. V. Process for the preparation of a polyurethane foam.  
108491. The British Iron and Steel Research Association. Formation of aluminium coatings on steel substrates.  
108492. Progil. Process for manufacturing carbon disulphide.  
19th December 1966  
108493. B. K. Sinha. Liver steam engine.  
108494. P. R. Gupta. Improvements in device for ascertaining or maintaining constant the level or liquid electrolyte in wet storage batteries.  
108495. Phillips Petroleum Company. Improved process for pelleting carbon black.  
108496. Phillips Petroleum Company. Improvements in production of carbon black.  
108497. Montecatini Edison S.p.A. A process for the production of catalysts containing, molybdenum and/or tungsten.

108498. General Dynamics Corporation. Measurement and control of rolled material thickness and quality.
108499. United Aircraft Corporation. Railway truck drive system.
108500. Artos Dr. Ing. Meier-Windhorst. A process for continuous dyeing of broadly carried lengths of textile materials with dispersion reactive or similar dyes.
108501. D. Varma. Plain power looms.
108502. The Tata Iron and Steel Company Limited. Composition for making floor tiles and process for making same.
108503. Rohm and Haas Company. Herbicides.
108504. Farbenfabriken Bayer Aktiengesellschaft. Phosphorus containing esters. (17th August 1966).
108505. Simon-Carves Limited. Improvements in or relating to cooling waste gases. (22nd December 1965).
108506. R.J. Geus, W. Kunz, H. Jacobi and C. Koch. Improvements in or relating to 1-*r* Butylamino-3—(Substituted phenoxy)-2-propanols.
108507. The Battelle Development Corporation. Improvements in or relating to radially lamping grips.
108508. Institut Francais Du Petrole Des Carburants Et Lubrifiants. Process for oxydation of paraxylene.
108509. Societa Farmaceutici Italia. Process for the preparation of carboxamidoalkyl-1, 3-benzoxazine.
108510. Tractel Tirfor Indian Private Limited. Improvements in or relating to safety catch.
108511. Franz Plasser Bahnbaumaschinen. Method and device for the improvement of the compactness of the foundation of rail road tracks.
108512. Y.G. Ghalsas, and S.R. Apte. An apparatus to be used with the battery chargers to switch the charger off when the battery reaches its desired present voltage in the process of charging and also to switch the charger on when the battery runs down its desired voltage.
108513. A. P. Wagle, S.G. Shevade and Dr. C. Nanjundayya. A device to get oscillatory motion for the doffer comb of carding machine.
- 20th December 1966
108514. K.F. Sutaria. Improvements in or relating to automatically operated electrical safety geyzers or the like.
108515. The Glacier Metal Company Limited. Improvements in or relating to continuous casting of metal. (21st December 1965).
108516. FMC Corporation. Conversion of allyl alcohol to glycerol.
108517. J. Martin. Improvements in vehicle ejection seats. (25th November 1966).
108518. FMC Corporation. Production of coal char and heavy tar.
108519. Parke, Davis & Company. New polymerie 4, 4'-sulfonyldianiline compounds and methods for their production.
108520. United States Rubber Company. Improvements in self feed ram for extrusion equipment.
108521. Kurashiki Rayon Co., Ltd. Process for gas phase synthesis of vinyl esters.
108522. Dr. D.E. Garrett. Production of potassium chloride, potassium sulfate and sodium sulfate from brines and the like containing potassium, chloride and sulfate.
108523. International Standard Electric Corporation. Axle counting device for track-bound vehicles.
108524. International Standard Electric Corporation. Method to transmit and evaluate signals produced by trains in the railway signalling system.
108525. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of benzodiazepine derivatives.
108526. Deckvale Limited. Improvements in or relating to adjustable supports.
108527. H.S. Pareek. Improvement in or relating to bobbin.
108528. H.S. Pareek. A tape drum pulley used for driving the spindles.
- 21st December 1966
108529. Ajanta Farm Machinery Company. Sara-cum-channel former.
108530. S. Saigal. Fountain pump.
108531. Phillips Petroleum Company. Improved method for production of carbon black.
108532. Montecatini Edison S.p.A. Process for the preparation of unsaturated nitriles and relative catalysts.
108533. Metalastik Limited. Improvements in or relating to suspension links. (23rd December 1965).
108534. G.K.N. Screws & Fasteners Limited. Improved method of tightening and locking nuts on bolts. (24th December 1965).
108535. Farbenfabriken Bayer Aktiengesellschaft. Anthraquinone dyes. (12th August 1966).
108536. Les Usines De Melle. Catalysts and manufacture thereof.
108537. E.B. Lopker. Improvements in the manufacture of phosphoric acid.
108538. E.B. Lopker. Improvements in the manufacture of phosphoric acid.
108539. FMC Corporation. Glycidol and glycerol process.
108540. The Lummus Company and Great Lakes Carbon Cork. Process for producing a deashed coal solution.
108541. International Paper Company. Production of cellulosic pulp.
108542. International Paper Company. Production of cellulosic pulp.
108543. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucium & Bruning. Process for preparing chlorine by electrolysis of aqueous hydrochloric acid.
108544. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Penicillins and process for preparing them.
108545. Ciba Limited. Water-Insoluble Anthraquinone dyestuffs and processes for their manufacture.
108546. The Stanely Works. Fasteners and Fastener Assemblies for building panels and the like.
108547. N.V. Philip's Gloeilampenfabrieken. Improvements in or relating to semi-conductor devices. (22nd December 1965).
- 22nd December 1966
108548. Hyderabad Allwyn Metal Works Limited. A prefabricated structure.
108549. Sandoz Ltd. Improvements in or relating to organic compounds. (23rd December 1965).
108550. Fabriques De Produits Chimiques De Thann Et De Mulhouse. Process for the preparation of titanium dioxide pigment.
108551. J. R. Geigy A.G. Process for the production of new azepine derivatives.
108552. Aerpat A.G. Improvements in flush mounting latches. (31st December 1965).
108553. La Telemecanique Electrique. Electrical connection terminal.
108554. The Borden Chemical Company (UK) Ltd. (formerly Leicester, Lovell & Co. Limited). Improvements in or relating to adhesive compositions curing rapidly by polymerisation under anaerobic conditions. (3rd January 1966). [Addition to No. 94558].
108555. M & T Chemicals Inc. Purification of tin.
108556. M & T Chemicals Inc. Novel process.

108557. Rohm and Haas Company. Nitrogen-Containing monomers and polymers thereof.
108558. Weyerhaeuser Company. Method of and apparatus for resurfacing anodes. (9th November 1966).
108559. B. Sethna. An automatic gramophone record cleaner called 'atuomatic reocord cleaner.'
108560. B.J. Raney. A device for hydraulic or pneumatic compression power utility augmentation and potential energy utility.
108561. Chemcell Limited. Polypropylene compositions and articles. (22nd December 1965).

23rd December 1966

108562. Jaharlal Bose. Oxidation catalyst.
108563. International Standard Electric Corporation. Semiconductor devices. (24th December 1965).
108564. P.J.J. Greyling. Improvements in tool bar hitches.
108565. Dunlop Rubber Company Limited. Method of reducing adhesion. (1st January 1966).
108566. British Insulated Callender's Cables Limited. Improvement in or relating to electric conductors and their manufacture.
108567. Universal Oil Products Company. Catalyst and process for the dehydrogenation of paraffin hydrocarbons.
108568. Chicago Pneumatic Tool Company. Safety over-speed control mechanism for rotary tools.
108569. Debabrata Chatterjee. D knob and the coming of inspirational tones.

#### ALTERATION OF DATE

98375. The claim to priority date 10th March 1964 has been abandoned and the application dated as of 9th March 1965, the date of filing in India.
99967. The claim to priority date 8th June 1964 has been abandoned and the application dated as of 8th June 1965 the date of filing in India.
107727. Ante-dated to 20th March 1965 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

98052. Texaco Development Corporation. Extraction of water from brine. Accepted on 22nd November 1966.

*Comprising bringing into contact with one another in an extraction zone at an elevated pressure, thereby extracting water into organic liquid and forming complex decomposing complex into water phase and an organic liquid phase and separating the two phases.*

98257. George Meredith Vibart. Rolling shutter for windows. Accepted on 3rd December 1966.

*Comprising a number of slats, each slat being provided with an acute angled groove at one longitudinal edge and a slanting surface at the other longitudinal edge.*

98297. Rohm & Haas Company. Process for coagulating an coalescing an acrylonitrile polymer to form shaped articles. Accepted on 5th December 1966.

*Comprises extruding the aqueous dispersion containing the polymer into an aqueous acid bath at a temperature of from about 70°C to about 90°C and containing a readily diffusing acid and a solvating Agent.*

98375. A Mirsky. A method of preparing warp for weaving or warp knitting by dividing sheet material longitudinally. Accepted on 9th December 1966.

*Includes dividing sheet material into longitudinally extending filaments and winding many of them onto a rotary member without any winding operation.*

98390. FMC Corporation. A process for the preparation of herbicidal compounds and mixtures thereof. Accepted on 12th December 1966.

*Characterised by reacting aminophenol derivatives with carbamoyl halide compounds or phosgene followed by primary or secondary amines or isocyanate compounds in the presence of catalyst.*

98444. Dr.—Ing. Heinz Mahlo. An apparatus for detecting and tracking markers in webs of material. (7th December 1964). Accepted on 15th December 1966.

*Comprises a stationary photo electric cell and optical/mechanical scanning means the motive power being supplied by motor.*

98452. Boots Pure Drugs Company Limited. Pesticidal compositions. [Addition to No. 87782]. Accepted on 15th December 1966.

*Pesticide adjuvant admixed with active ingredients ROCON R<sup>2</sup>GOR<sup>1</sup>, R<sup>2</sup>, being lower alkyl, R-phenyl or naphthyl and R<sup>1</sup> CO is phenoxyalkanoic acid acyl residue.*

98461. Calmic Limited. Improvements in or relating to the maintenance of urinals, water closet basins and the like. Accepted on 15th December 1966.

*Forming automatically during an interval between flushes a relatively concentrated aqueous disinfectant solution, diluting the solution during a flush and discharging it into the convenience at the end of the flush.*

98468. G. C. Brumlik. Molecular model assembly. Accepted on 16th December 1966.

*Comprising a plurality of coupling units and elongated cylindrical sections capable of being coupled together to form a framework model of a molecule.*

98470. Georg Neidl. Communiting separating and pumping machine. Accepted on 16th December 1966.

*Comprising a stationary pump housing having a pump chamber an impeller rotating in the housing a drive shaft for the impeller a shell enclosing at least part of the housing to form a separate chamber, strainer passage connecting the pumping and the separate chambers, an inlet for the pump chamber and outlets for the said two chamber.*

98476. Roussel-Uclaf. Improvements in moller scicidal compositions. Accepted on 16th December 1966.

*Comprises cuprones chloride as molluscicide and a wetting agent, an antioxidant and/or an aqueous solution containing a water soluble chloride.*

98481. Universal Oil Products Company. Continuous chromatographic analysis of a mixture of fluid components. Accepted on 16th December 1966.

*Comprising as packing material a mass of selective sorbent which is pretreated by contact with selectively sorbed component until the sorbent has been saturated with respect to the selectively sorbed component.*

98489. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of acetaldehyde. Accepted on 16th December 1966.

*Oxidizing ethylene with oxygen in the presence of water and a solid catalyst containing a metal of group VIII of the periodic table.*

98491. Dr.-Ing. Heinz Mahlo. Apparatus for controlling the moisture content of moving material. (27th January 1965). Accepted on 16th December 1966.  
*Comprising means controlled member auxiliary controller member which have a predetermined respon characteristic main controlling unit.*
98512. Doittau Produits Metallurgie. Novel exothermic composition and elements adapted to line molds used for the casting of metals incorporating such a composition. Accepted on 19th December 1966.  
*Characterized by the fact that it has an oxidizable component constituted by silico-calcium or silico-aluminium and an oxidising element constituted by a metal oxide such as manganese dioxide or iron oxide.*
98513. Rexall Drug and Chemical Company. Process for conducting a continuous polymerization reaction. Accepted on 17th December 1966.  
*In a process for polymerising an alpha olefin monomer in a polymerisation zone, the improvement comprises for preventing contamination of the unreacted monomer with volatile components and for condensing and directly recycling said condensed unreacted monomer to said polymerisation zone which comprises continuously withdrawing said alpha-olefin polymer from said separation zone.*
98515. G. R. Gokalo. Animal trolly cum operation table. Accepted on 13th December 1966.  
*Characterised in that the platform is provided with sliding mechanism and tiltable mechanism.*
98535. Cummins Engine Company Inc. Fuel injector for internal combustion engines. Accepted on 19th December 1966.  
*Comprising an injector body with a plunger bore and a nozzle opening at one end of said plunger bore said body having a fuel passage, said plunger and said body being formed to provide a restricted conduit of a size to prevent combustion products from entering the injector.*
98545. Rohm & Haas Company. Herbicidal compositions containing tetrahydro-3-(substituted-phenyl)-5-alkyl-1, 3, 5-oxadiazin-4-ones. Accepted on 20th December 1966.  
*Comprises tetrahydro-3-(substituted-phenyl)-5-alkyl-1, 3-5 oxadiazin-4-ones as the active material.*
98628. The Goodyear Tire & Rubber Company. Improvements in method of making shaped film, said film, articles therefrom. Accepted on 19th December 1966.  
*Comprising coating the surface of a mould cavity having the desired design embossed therein with a liquid polyurathane reaction mixture, reacting the ingredients of the mixture and removing the film from the mould.*
98630. S.T.D. Services Ltd. Apparatus for deep drawing metal. Accepted on 20th December 1966.  
*Characterised by means for limiting relative approach movement between the outer punch and the smaller die, means applying force to the outer punch during the redrawing movement of the inner punch, forming an axially extending annular passage through which the work piece is drawn by movement of the inner punch.*
98664. Massey-Ferguson Inc. Vehicle transmission. Accepted on 19th December 1966.  
*Having a driven shaft selectively drivingly connectible to a driving shaft through alternative transmission paths, one of the including a two way clutch and the other a one-way overrunning clutch and having a locking means.*
98826. The Babcock & Wilcox Company. A shaped article and a method for preparing the same. Accepted on 19th December 1966.  
*Comprising the steps of forming a raw batch, forming the article into a shape from the raw batch, and then firing the shape.*
98893. Allied Chemical Corporation. Process for the production of cyclohexanone. Accepted on 17th December 1966.  
*A mixture comprising vaporous cyclohexanecarboxylic acid and molecular oxygen is contacted with a copper-containing catalyst at a temperature of 250° C to 600° C.*
98921. Imperial Chemical Industries Limited. Stabilisation of high polymers. (6th May 1964). Accepted on 20th December 1966.  
*The stability of polymers has been improved by the addition thereto at least one stabiliser compound.*
98986. Imperial Chemical Industries Limited. Production of alkyl halides. Accepted on 17th December 1966.  
*Reacting monohydric alcohol or its ether or diether with a halogen acid in the presence of a catalyst comprising alumina and silica wherein the molar ratio of alumina to silica is 0.01 : 1 to 50 : 1.*
99089. National Steel Corporation. Improvements in or relating to superheater structure. Accepted on 22nd December 1966.  
*A superheater structure having helical coil means for carrying fluid to be heated, the convolutions of the helical coil means defining a cylindrical shaped space, fuel burner means to discharge gases of combustion.*
99117. Denver Equipment Company. Aerating assembly for froth flotation cells. Accepted on 17th December 1966.  
*Comprising (a) an impeller (b) a stationary cover member (c) a hollow stationary conduit for the supply of aerating gas (d) a restricted pulp intake.*
99845. Continental Oil Company. Alkylation of hydrocarbons. Accepted on 1st December 1966.  
*Introducing benzene into three reaction zones, introducing a C<sub>10</sub>-C<sub>18</sub> olefin and an alkylation catalyst to each said zone, withdrawing reaction effluent and recovering alkylate fraction from the said effluent.*
99879. Imperial Chemical Industries Limited. Stabilised solvent compositions containing 1, 1, 1-trichloroethane and an organic nitrate. (15th June 1964). Accepted on 20th December 1966.  
*Comprising 1, 1, 1-trichloroethane and an organic nitrate.*
99942. Bowe Bohler & Weber Kg. and Robt. Schwarzenbach & Company Method and apparatus for finishing of fibrous material. Accepted on 7th December 1966.  
*Identified by the fact that as the carrier for the chemicals which have to be deposited on the goods a non polar organic solvent is used.*
99946. Associated Electrical Industries Limited. Improvements relating to automatic telephone exchange systems. (17th June 1964). Accepted on 8th December 1966.  
*The compound link circuit comprising in combination a plurality of dissimilar constituent link circuits and switching means.*
99954. Harvey Kravitz and Norman Lettvin. A single stable dose vaccinator. Accepted on 8th December 1966.  
*Comprising in combination, multiple point scarifier consisting of at least two elongated scarifier needles projecting from a common support and defining a crotch space there between said scarifying needles tapering along their length towards their tips, so that space is of increasing dimension longitudinally of the needles the needles being closely clustered.*
99967. Imperial Chemical Industries Limited. Process for mass-colouring polyesters with polycyclic dyestuffs containing carboxylic ester groups. Accepted on 8th December 1966.  
*Polymerising polyesters in presence of dyestuff like 1 : 5-bis (O-Carbomethoxy-aniline) anthraquinone*

99968. Imperial Chemical Industries Limited. Process for the mass-coloration of polyesters with polycyclic dyestuffs containing carboxylic acid groups. (16th October 1964). Accepted on 8th December 1966.  
*Mixing polyester with dyestuff like 1, 5-bis (O-carboxyaniline) anthroquinone acid, melting and spinning into filaments.*
100008. Director of Indian Institute of Technology, Powai. Improved sintering process. Accepted on 12th December 1966.  
*Oxidising pure metallic powders individually or mixtures thereof to oxide film of thickness varying from 450 to 750 Å units in a controlled atmosphere containing a mixture of air and a neutral or an inert gas at a temperature upto 5000° C and then compacting under pressure.*
100030. E. Krebs and P. Staib. Device for the electrolysis of saline solutions. Accepted on 12th December 1966.  
*A device for electrolysis where a cell comprises two electrodes, namely an anode and a cathode, constituted by two co-axial surfaces of revolution with a vertical axis.*
100043. N. V. Maatschappij Voor Industriële Research en Ontwikkeling. Apparatus for cutting sheet material. Accepted on 14th December 1966.  
*Comprising a platform of flexible band for supporting the material to be cut, a cutting element, the flexible band being guided over two mutually parallel deflection element.*
100058. Eastman Kodak Company. Chromatographic sheets. Accepted on 14th December 1966.  
*Comprising support bearing layer of chromatographically active absorbent at least 2% by weight of polymeric binder.*
100077. Snia Viscosa Società Nazionale Industria Applicazioni Viscosa S.p.A. Process and apparatus for the production of synthetic yarns having an asymmetrical cross-sectional shape. Accepted on 15th December 1966.  
*Characterised by extruding polymer through two unequal orifices having passage lengths, polymer viscosity and orifice radius related to each other.*
100087. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electric incandescent lamps. Accepted on 15th December 1966.  
*Comprising a tungsten filament in a bulb which contains, in addition to an inert gas, bromine as the reactive transport gas so that the bulb-wall during burning assumes a temperature of at least 300° C.*
100089. N. V. Philips Gloeilampenfabrieken. Pesticidal compositions containing 3, 5-dimethyl-4-dimethylaminomethylphenyl-N-methylcarbamate. Accepted on 15th December 1966.  
*Contains 3, 5-dimethyl-4-dimethylaminomethylphenyl-N-methylcarbamate and a carrier.*
100095. Vsesojuzny Elektro tekhnicheskij Institut im. VI. Lenina. Air circuit breaker arc chute. Accepted on 16th December 1966.  
*Comprising a main butt contact having lamels arranged in a housing with a circular bead.*
100099. Silo-Vac Holdings (U. K.) Limited. Improvements in or relating to containers for produce or merchandise and method of packaging or encapsulating such produce or merchandise. Accepted on 16th December 1966.  
*Comprising a member having a channel section, at least one flexible and gas impermeable sheet and a wedge member, one of the members being such that the sheet can be introduced between the lips into the channel with snap-action.*
100108. Carlo Guido and Francesco Foglio Para. Device for indicating broken threads in spinning machines. Accepted on 16th December 1966.  
*Has a movable carriage with a spring biased feeler adapted to take different operative positions depending on whether the thread is sound or broken and an electric circuit controlling current supply to carriage motor.*
100120. Barmer Maschlbenfabrik Aktiengesellschaft. Extruder headpiece. (15th April 1965). Accepted on 17th December 1966.  
*Characterised in that a replaceable insert is arranged in the prolongation of the screw channel.*
100124. J. R. Geigy A. G. Process for the optical brightening of fibres made of cellulose, which may or may not be esterified, or of polyamide. Accepted on 17th December 1966.  
*Comprising treating cellulose or polyamide fibres with an aqueous solution containing a benzoxazole derivative as optical brightener and a fatty alcohol polyglycol ether or alkyl phenol polyglycol ether.*
100126. ACF Industries, Incorporated. Apparatus and method for forming a bond between two surfaces. Accepted on 17th December 1966.  
*Comprising two coated surfaces to be bonded by heating under pressure for a certain period and afterward, releasing the pressure and cooling the bonded surfaces one of which is composed of halogenated olefin polymer to be bonded with halogenated carbon oil.*
100132. Quinton Hazell Limited. Improvements relating to gauging apparatus for use with friction clutches. (20th June 1964). Accepted on 19th December 1966.  
*Comprising a combined gauge and clamping ring affording a gauging face spaced a predetermined distance axially of the ring from a clamping face and a gauge means including a radially outer gauge face or faces capable of co-operating with the gauging face or faces capable of co-operating with the gauging face.*
100152. Snia Viscosa Società Nazionale Industria Applicazioni Viscosa S. p. A. Process for the production of crimpable synthetic yarns and yarns produced thereby. Accepted on 19th December 1966.  
*Characterised by the formation of the strand by welding two monofilaments or streams of melted materials having similar constitutions in their peripheral portions and different characteristic in shrinkability and swellability in the inner portions of the cross section.*
100182. Indian Oxygen Limited. Improvements in or relating to electrical control switches. (23rd June 1964). Accepted on 20th December 1966.  
*Comprising a central shaft one cam disc a cam-follower a pair of engageable member electrical contact, control dial.*
100305. Alpine Chemische Aktiengesellschaft. Process for the production of copolyesters. Accepted on 20th December 1966.  
*Condensing aromatic dicarboxylic acids or their mixtures or their polyester forming derivatives with glycols with 2,5 dihydroxy terephthalic acid or of one of its low molecular esters or another polyester forming derivative aromatic dihydroxy compounds.*
100358. Alain Louis Emile Foundry. Process and machine for cutting screw-threads on glass and products obtained by means of said process or machine. (26th February 1965). Accepted on 16th December 1966.  
*Causing the tube which is mounted on a moving carriage to be driven in rotation and axially displaced at a speed corresponding to pitch of screw-thread to be formed opposite to a tool.*

100371. G. R. Thakre. Folding furniture. Accepted on 20th December 1966.
- Comprising two pairs of legs, a board associated with each pair of legs, each leg having an ear piece having an upper and a lower lobes, each pair of legs preferably including at least one cross member a lever with a hook and pins, support under each board and means on the legs for resting the supports in different position.*
100404. 4D Research and Development Co. Ltd. Improvements relating to the moulding of materials. (10th July 1964). Accepted on 17th December 1966.
- Arranging over a mould form, a flexible, membrane which adheres to the contours of the mould form, placing mouldable material on the membrane in the mould form and allowing the material to set under negative pressure with drawing the negative pressure and applying a positive pressure to release the casting.*
100421. Libbey-Owens-Ford Glass Company. Flat glass manufacture. Accepted on 16th December, 1966.
- Diverting the ribbon of glass from normal path for a predetermined distance and for a predetermined length of time and then returning the ribbon to the normal path.*
100422. Libbey-Owens-Ford Glass Company. A method of producing flat glass and an apparatus therefor. Accepted on 16th December 1966.
- Deflecting the glass ribbon from first path which supporting the ribbon on a fluid cushion to lift the ribbon from the bath and to direct it into the second path.*
100434. Toms River Chemical Corporation. Anthraquinone-2-carboxamides, process for their manufacture and polyester fibres dyed therewith Accepted on 17th December 1966.
- Wherein an anthraquinone-2-carboxylic acid halide is reacted with an aminobenzene cyclohexylamine or naphthylamine.*
100436. Rheinstahl Henschel Aktiengesellschaft formerly known as Henschel-Werke Aktiengesellschaft. Improvements in or relating to cardan shaft drives in the bogies of driven rail vehicles. Accepted on 20th December 1966.
- The input shaft and the output shaft of the distributor gear are disposed side by side in a horizontal plane or in a plane only slightly inclined to the horizontal.*
100535. Polymer Corporation Limited. Elastomeric polymer, (23rd July 1964). Accepted on 21st December 1966.
- Comprises contacting butadiene-1, 3 with a catalyst containing lithium and a halide of tetravalent titanium.*
100829. Sigma Lutín, narodní podnik. Vertical pumps with removable rotor. Accepted on 19th December 1966.
- Shaft is provided with a protecting tube and a lubricating tube fixed on the external side of said protecting tube and terminating in a lubricating channel of the bearing body.*
100880. Indian Oxygen Limited. Improvements in electric arc welding. (6th August 1964). Accepted on 22nd December 1966.
- An electric arc welding system in which primary power supply is of flat characteristic type and in which an inductance is provided in series with the arc to provide a voltage transient sufficient to prevent the welding current fluctuation from reaching a value at which the arc is unstable*
100914. Westinghouse Electric Corporation. Arc welding torch. Accepted on 19th December 1966.
- Including a channel through which electrode is advanced contact means for transmitting current to the electrode, means connected to channel for compressing an electric potential on the contact means and means in portion of the channel for suppressing transmission of current through the electrode.*
100915. Westinghouse Electric Corporation. ARC welding electrode. Accepted on 19th December 1966.
- Comprising a core of ferrous wire having a coating of an alloy thereon, the alloy consisting predominantly of copper and including a small quantity of tin.*
101070. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to arrangements for converting mechanical energy into caloric energy or conversely. Accepted on 17th December 1966.
- Heat exchanger is formed as a recuperator and comprises at least two sets of ducts through first set of which working medium can flow to and fro and through the second of which another medium can flow the directions of flow being reversible.*
101084. Indian Oxygen Limited. Combined compressor and expansion engine. (21st August 1964). Accepted on 16th December 1966.
- Having a compression cylinder and an expansion cylinder arranged in opposition to one another, a piston in each cylinder and two pistons being connected together for movement in unison, and having valve means operated by the piston movement.*
101125. General Electric Company. Improvements in or relating multiple pressure control valve. (1st June 1965). Accepted on 17th December 1966.
- Comprising at least two inlet chambers, a plurality of outlets, one control valve for each outlet and a common valve actuating mechanism.*
101161. Council of Scientific and Industrial Research. Process for the preparation of day-light and pink-light emitting electro-luminescent phosphors. Accepted on 19th December 1966.
- Which consists in the creation of 'defects' or disorder in the lattice of pure and stoichiometric ZnS by phosphor compositions comprising zinc sulphide, impurities or activators such as copper, lead and manganese, and a flux under N<sub>2</sub> or N<sub>2</sub>+S vapour atmosphere at elevated temperature for 4—5 hours.*
101198. Eastman Kodak Company. Thin-layer chromatographic chamber and support device. Accepted on 19th December 1966.
- Comprising a tray for a solvent, a pair of support plates having inner surface layers for sealing the element means for supporting these plates with an open edge in the tray and means cooperating with the plates for supporting the element therebetween so that at least major portion of its absorbant surface does not engage the said layers.*
101320. Glaverbel. Process and device for manufacturing sheet glass. Accepted on 21st December 1966.
- Wherein molten glass formed in a glass melting tank furnace flows continuously to a drawing zone and glass is drawn upwardly in sheet form, and is then passed after folding of the sheet into a horizontal annealing lehr.*
101418. The Dow Chemical Company. Method and apparatus for the production of foam plastic sheet. Accepted on 21st December 1966.
- Of an alkenyl aromatic resinous material characterized by stretching the heat plastified cellular ube biaxially over a mandrel, maintaining a flow of gas between the foamed tube and the mandrel, cooling the foamed tube and if desired splitting the foamed tube and flattening the split tube to form a sheet.*

102730. P. R. Gupta. Improvements in device for ascertaining or maintaining constant the level of liquid electrolyte in wet storage batteries accumulators and the like. Accepted on 19th December 1966.

*Comprises a transparent container having a hollow bulb portion and a hollow elongated neck portion, and being provided with at least one opening in the vicinity of the lower end of said neck portion providing communication between said bulb and battery liquid electrolyte when the said container is fitted to the battery.*

103427. J. T. Quintana. Improved actuator for multiple-loom weft inserters. Accepted on 14th December 1966.

*Comprises a tri-articulated structure having three coplaner hearing points forming the vertices of a preferably scalene triangle one end of a rod is articulated to the third vertex and the other end receives the rotating movement of a crank which reciprocates the tri-articulated structure and which in turn forces the inserter to move reciprocatingly through the shed.*

103955. J. Marx. Valve change over devices for compound meter systems. Accepted on 20th December 1966.

*Primary float arranged to be reciprocally movable in the space between two valve seats serving as the valve member of a change over mechanism formed as a double-seat valve and an auxiliary float being provided for movement independently of said primary float.*

103999. American Machine & Foundry Company. Welding of structural shapes. Accepted on 16th December, 1966.

*Welding of structural shapes such as when a metal strip to form a web is to be welded on edge longitudinally of another metal strip which for example is to form flange thus providing a welded structure of T-shaped cross-section.*

107727. Rohm and Haas Company. Preparation of herbicidal tetrahydro-3-(substituted-phenyl)-5-alkyl-1, 3, 5-oxadiazin-4-ones. [Divisional date 20th March 1965.] Accepted on 20th December 1966.

*Comprises reacting corresponding urea with formaldehyde or a source thereof in the presence of an acid catalyst.*

#### Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :

87417. 87518. 87544. 87557. 87566. 87592. 87616. 87642.  
87647. 87721. 87744. 88961. 88975. 88985. 88987. 89065.  
89089. 89099. 89116. 89120. 89134. 89146. 89151. 89168.  
89196. 89234. 89329. 89354. 89382. 89644. 89669. 90034.  
90920. 90948. 91374. 95577.

#### Patents Sealed

##### (I)

94730. 94947. 94961. 95003. 95008. 95032. 95077. 95092.  
95142. 95169. 95171. 95172. 95251. 95288. 95289. 95372.  
95494. 95584. 96166. 96348. 96351. 96352. 96353. 96383.  
96387. 96410. 96428. 96431. 96443. 96462. 96493. 96541.  
96602. 97080. 97186. 103862. 104367.

##### (II)

95067. 95153. 95176. 95218. 95277. 95312. 95347. 95618.  
95671. 95704. 95759. 95243. 96296. 96331. 96364. 96376.  
96389. 96391. 96393. 96407. 96430. 96432. 96440. 96441.  
96442. 96449. 96455. 96460. 96483. 96487. 96494. 96502.  
96517. 96532. 96561. 96567. 96822. 97149. 97217. 97631.  
97636.

#### Amendment Proceedings

##### (1)

The amendment proposed by Kearney & Trecker Corporation in respect of patent application No. 77786 as advertised in the Gazette of India, Part III, Section 2 dated the 5th February 1966 has been allowed.

##### (2)

The amendment proposed by Kearney & Trecker Corporation in respect of patent application No. 86108 as advertised in the Gazette of India, Part III, Section 2 dated the 12th February 1966 has been allowed.

#### Renewal Fees Paid

46543.	46563.	46666.	46851.	48705.	48733.	48824.	48832.
48846.	48853.	48855.	48865.	48867.	49185.	49538.	49797
50944.	50991.	51001.	51002.	51058.	51063.	51194.	53375.
53381.	53513.	53524.	53526.	53535.	53578.	53635.	53640.
53657.	56363.	56371.	53763.	53951.	54140.	54243.	56130.
56215.	56216.	56217.	56218.	56219.	56220.	56281.	56326.
56347.	56377.	56386.	56387.	56439.	56586.	58194.	58339.
58918.	59157.	59277.	59311.	59320.	59379.	59387.	59404.
59415.	59416.	59419.	59427.	59430.	59436.	59445.	59452.
59494.	59509.	59720.	59758.	59884.	60212.	60384.	61152.
61697.	62590.	62697.	62734.	62780.	62820.	62822.	62843.
62868.	62900.	62940.	62986.	62987.	62988.	62990.	63035.
63096.	63140.	63303.	63342.	63448.	63476.	63523.	63587.
63680.	63810.	64267.	66012.	66239.	66293.	66311.	66324.
66326.	66365.	66395.	66402.	66423.	66424.	66460.	66469.
66478.	66539.	66554.	66555.	66562.	66630.	66683.	66773.
66774.	66837.	66981.	67038.	67064.	67155.	67241.	67263.
67315.	67316.	67606.	68309.	68310.	68599.	69519.	69520.
69521.	69547.	70231.	70264.	70268.	70272.	70281.	70282.
70331.	70384.	70388.	70408.	70424.	70425.	70426.	70431.
70518.	70525.	70526.	70527.	70528.	70529.	70552.	70569.
70578.	70698.	70854.	71820.	72213.	72502.	73092.	73714.
73715.	74107.	74452.	74620.	74734.	74743.	74767.	74778.
74780.	74782.	74785.	74789.	74798.	74801.	74822.	74830.
74854.	74856.	74858.	74875.	74879.	74880.	74881.	74882.
74893.	74901.	74908.	74911.	74925.	74926.	74936.	74937.
74948.	74956.	74970.	74991.	74998.	75007.	75008.	75028.
75037.	75056.	75085.	75088.	75124.	75125.	75146.	75147.
75148.	75149.	75164.	75177.	75205.	75219.	75221.	75233.
75319.	75695.	75696.	75772.	75783.	75784.	75986.	76725.
76807.	77409.	78870.	78872.	79427.	79924.	79944.	80071.
80073.	80078.	80090.	80096.	80097.	80098.	80101.	80135.
80136.	80157.	80170.	80175.	80176.	80195.	80196.	80197.
80198.	80199.	80200.	80232.	80244.	80245.	80247.	80253.
80265.	80266.	80279.	80280.	80298.	80309.	80339.	80361.
80363.	80364.	80389.	80397.	80410.	80414.	80419.	80422.
80464.	80506.	80507.	80518.	80519.	80530.	80600.	80604.
80735.	80824.	80882.	80899.	80947.	81221.	81222.	81325.
81326.	81546.	81636.	81637.	82864.	82865.	82866.	82867.
82868.	84232.	84233.	85557.	85612.	85657.	85686.	85740.
85826.	85833.	85864.	85909.	85910.	85912.	85913.	85914.
85916.	85927.	85963.	85964.	85976.	85977.	85982.	85985.
85986.	86000.	86009.	86010.	86018.	86023.	86041.	86074.
86079.	86080.	86087.	86094.	86096.	86097.	86103.	86116.
86142.	86148.	86172.	86187.	86241.	86263.	86337.	86340.
86363.	86402.	86407.	86429.	86482.	86483.	86484.	86536.
86577.	86581.	86582.	86807.	86820.	86905.	86974.	86989.
87003.	87015.	87055.	87062.	87113.	87163.	87187.	87188.
87203.	87229.	87389.	87562.	88062.	89196.	89780.	89904.
89905.	89906.	89907.	91287.	91507.	91605.	91628.	91760.
91923.	91919.	92343.					

#### Cessation of Patents

73396. 79743.

**Restoration Proceedings**

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 48100—Goswami Gujranan Pun

The patent ceased on the 20th September 1956, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 16th January 1960. Any person may give notice of opposition to the restoration by leaving an application of Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 18th February 1967.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 80104—Sun Oil Company.

The Patent ceased on the 5th January 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 11th June 1966. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 18th February 1966.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

**Class 1.** No. 128547. (1) Harbans Lall, (2) Ved Prakash, (3) Rattan Chand, (4) Subhash Chander, all Indian Nationals of New Globe Engineering Works, M-6, Industrial Area, Jullundur City, Punjab. 'Wrench'. May 24, 1966.

**Class 1.** No. 128578. S. K. Ghose & Co., Indian Proprietary Concern, 7B, Ananda Palit Road, Calcutta-14, West Bengal, India, 'Seeling wire'. May 31, 1966.

**Class 5.** No. 128537. Suresh Gangadhar Ghate, Advocate, Indian Humpyard Road, Dhantoli, Nagpur, (Maharashtra State), 'Cigarette case with match box'. May 21, 1966.

**Class 9.** No. 127495. Hindustan Rayon & Woollen Textile Mills Pvt. Ltd., Narayan Garh, Chheharta (Near Amritsar). 'Woven Fita'. December 15, 1966.

**Class 9.** Nos. 128731 to 128388. Hindustan Embroidery Private Ltd. Chheharta (Amritsar), Indian Firm. 'Lace'. May 11, 1966.

**Class 13.** Nos. 128270 to 128273, 128275, to 128278, 128280, 128281, 128283 to 128285, 128287 to 128302, and 128304 to 188322. The Delhi Cloth & General Mills Co. Ltd., Indian Company, Post Box No. 1039, Bara Hindu Rao, Delhi-6, India. 'Textile piecegoods'. April 30, 1966.

**Class 13.** No. 128736. Shree Sajjan Mills Limited, a public Limited Company, incorporated under the Indian Companies Act of (Bombay Office) 28, Apollo Street Fort, Bombay-1, India and (Registered Office) Ratlam, Madhya Pradesh, India. 'Textile goods'. June 27, 1966.

**Class 13.** Nos. 128775 to 128778. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1. 'Cotton textiles'. June 28, 1966.

**Class 13.** Nos. 128821 to 128829. The Khatau Makanji Spg. & Wvg. Co. Ltd. Laxmi Building 6, Ballard Road, Bombay-1. 'Textile piecegoods'. July 1, 1966.

**Class 13.** Nos. 128830 to 128844, and 128847 to 128853. The Shree Niwas Cotton Mills Ltd., an Indian Firm Situated at Delisle Road, Bombay-13. 'Cotton piecegoods'. July 2, 1966.

**Copyright Extended for a Second period of Five Years**

Nos. 111404 to 111409—Class 1

Nos. 111432 to 111435—Class 1

No. 112812—Class 3.

No. 111818—Class 5.

No. 113280—Class 13.

No. 113981—Class 13.

No. 114803—Class 13.

No. 116279—Class 13

**Copyright Extended for a Third period of Five Years**

No. 90430 to 90432—Class 1.

No. 112812—Class 3.

A. JOGARAO

*Controller General of Patents,  
Designs and Trade Marks.*